

**Mixing of fluid substances.**

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**Abstract**

A process and apparatus for mixing fluid substances having different viscosities. A flow of a major fluid substance having a higher viscosity is segmented into a plurality of fluid substance streams (86) travelling substantially in parallel in close proximity. A flow of a fluid additive having a lower viscosity is introduced into the flow of the major fluid substance at one or more points (82) between the fluid substance streams to obtain a combined flow. The combined flow is then mixed to provide a homogeneous mixture. The major

fluid substance may be an extrudate. 

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